Berkeley Law & Technology Group LLC
1700 NW 167th Place, Suite 240
Beaverton, OR 97006
Phone: 503.439.6500
Fax: 503.439.6558

Fax

To:	USPTO	**From:**	Michelle Craig, Reg. No. 52,776
Fax:	571.273.8300	**Pages:**	29, including this cover sheet
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☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Please find attached for filing in connection with application no. 10/629,644, entitled PARALLEL CONVOLUTIONAL ENCODER, the following documents:

- REV/POA
- Statement Under 37 CFR 3.73(b)
- Copy of Assignment of Patent Rights executed 10/31/2005 (10 pages)
- Copy of Assignment of Patent Rights executed 12/23/2005 (16 pages)

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to the U.S. Patent and Trademark Office on:

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☑ Practitioners associated with the Customer Number: 00043831

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☑ The address associated with Customer Number: 00043831

OR

☐ Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	

Assignee Name and Address:

Zarbaña Digital Fund LLC
2711 Centerville Road, Suite 400
Wilmington, DE 19808

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record
The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	1/13/06
Name	Bryan Burpee, Authorized Person for Zarbaña Digital Fund LLC	Telephone	
Title			

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Zarbaña Digital Fund LLC

Application No./Patent No.: 10/629,644 Filed/Issue Date: 7/29/2003

Entitled: PARALLEL CONVOLUTIONAL ENCODER

Zarbaña Digital Fund LLC, a Limited Liability Company
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☑ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [✓] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Maher Amer To: Icefyre Semiconductor Corporation
The document was recorded in the United States Patent and Trademark Office at
Reel 014365, Frame 0425, or for which a copy thereof is attached.

2. From: Icefyre Semiconductor Corporation To: Icefyre Semiconductor, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: Icefyre Semiconductor, Inc. To: Zarbaña Digital Fund LLC
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1-25-06
Date

503-439-6500
Telephone number

Michelle Craig, Reg. No. 52,776
Typed or printed name

Signature

Attorney at Law
Title

PATENT ASSIGNMENT

IceFyre Semiconductor Corporation, c/o Fraser Milner Casgrain LLP, 99 Bank Street, Suite 1420, Ottawa, Ontario, K1P 1H4

(hereinafter "Assignor")

IceFyre Semiconductor, Inc., c/o Fraser Milner Casgrain LLP, 99 Bank Street, Suite 1420, Ottawa, Ontario, K1P 1H4

(hereinafter "Assignee")

WHEREAS the Assignor and Assignee executed the Intellectual Property Transfer Agreement dated October 31,2005, which provides for the purchase by Assignee of certain patent rights of Assignor; and

WHEREAS the Assignor, in consideration of CAD one dollar ($1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer to the Assignee and its successors and assigns:

(i) Assignor's entire right, title and interest in Canada, the United States and throughout the world in and out to the patents and patent applications listed in Schedule A attached hereto, including any and all inventions described therein, and in any and all continuations-in-part, continuations, divisions, substitutes, re-issues, re-examinations, or extensions thereof, and all other applications for patent relating thereto which have been filed, or hereafter shall be filed, in Canada, the United States or in any other jurisdiction and further including all rights under treaties to file and prosecute patent applications corresponding to the preceding patents and patent applications (the "Patents");

(ii) all of Assignor's corresponding right, title and interest in and to any patents which may issue therefore, the same to be held and enjoyed by Assignee to the full end of the term for which the said patent is granted and maintained, as fully and entirely as the same could have been held and enjoyed by Assignor, and;

(iii) the right to take action and recover in respect of any infringement of the Patents that took place prior to the date of this Assignment.

The Assignor hereby authorizes the issuance of any and all registrations for the Patents to the Assignee, its successors, assigns or legal representatives.

The Assignor hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents as the Assignor's agent and attorney in fact, to act for and on the Assignor's behalf and stead, to do all such lawful acts and things and to execute such further lawful assignments, documents, assurances, applications and other instruments as reasonably may be required by the Assignee, its successors, assigns or legal representatives, to obtain any and all

registrations for the Patents and to vest the same in the Assignee, its successors, assigns or legal representatives.

The Assignor hereby agrees to execute and sign all documents required to effect a recordation of the assignment of the Patents and registrations thereof before the proper office or agency.

The remainder of this page is intentionally left blank.

EXECUTED at: TORONTO this 31 day of October, 2005

IceFyre Semiconductor Corporation

Name: Jim Laird
Title: Director

STATEMENT OF WITNESS

I, Scott Clark, whose full post office address is _____, was personally present and did see Jim Laird, who is known to me, execute the above assignment.

Name:
Date: Oct 31st, 2005

COUNTERPART SIGNATURE PAGE TO
PATENT ASSIGNMENT

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-001	SWITCHED-MODE POWER AMPLIFIER INTEGRALLY PERFORMING POWER COMBINING	Issued	6603352	Published	Yes	Yes. See Below.	Issued
ICE-001PC	PCT Application	Nationalized					
ICE-001JP	Japanese Nationalization	Pending	2003-550250	Published	Yes		Request for Examination due December 3, 2005.
ICE-001KR	Korean Nationalization	Pending	7008505/2004	TBD	Yes		
ICE-001CN	Chinese Nationalization	Pending	2824126.6	TBD	Yes		
ICE-001CP	SWITCHED-MODE POWER AMPLIFIER INTEGRALLY PERFORMING POWER COMBINING (CIP)	Issued	6,937,096	Published	Yes		Issued
ICE-002	SELECTABLE INVERSION/VARIABLE GAIN COMBINER FOR DIVERSITY RECEPTION IN RF TRANSCEIVERS	Abandoned	10/068,120	Published	No	Yes. See Below.	Abandoned
ICE-002PC	PCT Application	Nationalized					
ICE-002CA	Canadian Nationalization	Abandoned	2455111	Published	Yes		Abandoned
ICE-002CN	Chinese Nationalization	Pending	2818192.1	Published	Yes		
ICE-002EP	European Nationalization	Pending	2748525.9	Published	Yes		Abandoned, but still revivable through 1/06.
ICE-002JP	Japanese Nationalization	Pending	2003-518082	Published	Yes		
ICE-002KR	Korean Nationalization	Pending	7001206/2004	TBD	Yes		
ICE-002NO	Norwegian Nationalization	Pending	20040269	TBD	Yes		Abandoned, but still revivable through 1/06.

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-003	PSUEDO-NOISE CARRIER SUPPRESSION/IMAGE REJECTION UP AND DOWN CONVERTERS	Pending	10/094,826	Allowed	Yes		Allowed. Issue Fee due about 1/20/03.
ICE-003PC	PCT Application	Pending	PCT/CA02/01498	Published	Yes		Abandoned
ICE-004	UP/DOWN CONVERSION CIRCUITRY FOR RADIO TRANSCEIVER	Pending	10/154,282	Published	Yes	PCT Application Pending.	
ICE-004PC	PCT Application	Pending	PCT/CA02/01497	Published	Yes		
ICE-005	Oscillator Frequency Offsets	Abandoned	10/155,107	Published	No	PCT Application Pending.	Abandoned
ICE-005PC	PCT Application	Pending	PCT/CA02/01499	Published	Yes		
ICE-006	PHASOR FRAGMENTATION CIRCUITRY AND METHOD FOR PROCESSING MODULATED SIGNALS HAVING NON-	Pending	10/273,908	Published	Yes	Yes. See Below.	
ICE-006PC	PCT Application	Nationalized					
ICE-006JP	Japanese Nationalization	Pending	TBD	Not Published	Yes		
ICE-007	SYSTEMS AND MODULES FOR USE WITH TRELLIS-BASED DECODING	Pending	10/377,859	Published	Yes		
ICE-007PC	PCT Application	Abandoned	PCT/CA2004/000282	Published	Yes		Abandoned
ICE-008	PARALLEL CONVOLUTIONAL ENCODER	Pending	10/629,644	Published	Yes	Yes. See Below.	
ICE-008PC	PCT Application	Nationalized					
ICE-008KR	Korean Nationalization	Pending	7001719/2005	Not Published	Yes		
ICE-008CN	Chinese Nationalization	Pending	TBD	Not Published	Yes		

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IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-008JP	Japanese Nationalization	Pending	2004-525088	Not Published	Yes		
ICE-009	PARALLEL SCRAMBLER/DESCRAMBLER	Pending	10/629,640	Published	Yes	Yes. See Below.	
ICE-009PC	PCT Application	Pending	PCT/CA03/01132	Published	Yes		
ICE-010	COMPUTATIONAL CIRCUITS AND METHODS FOR PROCESSING MODULATED SIGNALS HAVING NON-CONSTANT ENVELOPES	Abandoned	09/918,106	Published	No	Yes. See Below.	Abandoned
ICE-010PC	PCT Application	Nationalized					
ICE-010CA	Canadian Nationalization	Pending	2,455,277	TBD	Yes		Abandoned
ICE-010CN	Chinese Nationalization	Pending	2818664.8	Published	Yes		
ICE-011PC	PCT Application	Nationalized					
ICE-010EP	European Nationalization	Pending	2748528.3	Published	Yes		Response to Examination Report Due December 15, 2005.
ICE-010JP	Japanese Nationalization	Pending	2003-518144	Published	Yes		
ICE-010KR	Korean Nationalization	Pending	7001445/2004	TBD	Yes		
ICE-010NO	Norwegian Nationalization	Pending	20040367	TBD	Yes		Abandoned, but still revivable through 1/06.
ICE-010CP	COMPUTATIONAL CIRCUITS AND METHODS FOR PROCESSING MODULATED SIGNALS HAVING NON-CONSTANT ENVELOPES (CIP)	Pending	10/205,743	Published	Yes		

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-011	CHIREIX ARCHITECTURE USING LOW IMPEDANCE AMPLIFIERS	Issued	6,836,183	Issued	Yes	Yes. See Below.	Issued
ICE-011JP	Japanese Nationalization	Pending	TBD	TBD	Yes		
ICE-011EP	European Nationalization	Pending	TBD	Published	Yes		Response to Examination Report Due December 17, 2005.
ICE-012	MEMORY SYSTEMS AND METHOD FOR USE IN TRELLIS-BASED DECODING	Pending	10/377,860	Published	Yes		
ICE-013	PREDISTORTION CIRCUIT FOR A TRANSMIT SYSTEM	Pending	10/613,355	Published	Yes		
ICE-013CP	PREDISTORTION CIRCUIT FOR A TRANSMIT SYSTEM (CIP)	Pending	10/641,370	Published	Yes		
ICE-014	A METHOD OF AND DEVICE FOR ANTENNAE DIVERSITY SWITCHING	Pending	10/610,454	Published	Yes	PCT Application Pending.	
ICE-014PC	PCT Application	Pending	PCT/CA2004/000949	Published	Yes		Nationalization Due: 12/30/05.
ICE-015	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM	Allowed	10/613,372	Issue Fee Paid	Yes		Allowed and ready for Issuance. Issue Fee Paid
ICE-015CP	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM (CIP)	Allowable	10/641,372	Allowed	Yes		Allowed. Issue Fee Due 12/23/05.

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-016	SWITCHED-MODE POWER AMPLIFIER USING LUMPED ELEMENT IMPEDANCE INVERTER FOR PARALLEL COMBINING	Issued	6,879,209	Published	Yes		Issued
ICE-016C1	SWITCHED-MODE POWER AMPLIFIER USING LUMPED ELEMENT IMPEDANCE INVERTER FOR PARALLEL COMBINING (CIP)	Pending	11/099,916	Published	Yes		Final (6 Month) date to respond to office action: December 17, 2005.
ICE-017	INTEGRATED CIRCUIT INCORPORATING WIRE BOND INDUCTANCE	Pending	10/610,497	Published	Yes		Notice of Appeal with Appeal Brief Due 12/30/05.
ICE-018	DIGITAL BRANCH CALIBRATOR FOR AN RF TRANSMITTER	Pending	10/627,881	Published	Yes		
ICE-019	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM WITH GAIN, PHASE AND DELAY ADJUSTMENTS	Allowed	10/613,856	Issue Fee Paid	Yes	PCT Application Pending.	Allowed and ready for Issuance. Issue fee paid. Checking status.
ICE-019PC	PCT Application	Pending	CA/2004/000972	Published	Yes		
ICE-019CP1	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM WITH GAIN, PHASE AND DELAY ADJUSTMENTS (CIP)	Allowable	10/641,371	Allowed	Yes		Allowed. Issue fee due November 22, 2005.

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-019CP2	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM WITH GAIN, PHASE AND DELAY ADJUSTMENTS (CIP)	Allowable	10/641,374	Allowed	Yes		Allowed. Issue fee due December 6, 2005.
ICE-019CP3	ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM WITH GAIN, PHASE AND DELAY ADJUSTMENTS (CIP)	Allowable	10/641,373	Allowed	Yes		Allowed. Issue fee due November 24, 2005.
ICE-020	STAGGERED AGC WITH DIGITALLY CONTROLLED VGA	Pending	10/661,945	Published	Yes	PCT Application Filed.	
ICE-020PC	PCT Application	Pending	CA2004/001566	Published	Yes		
ICE-021	OPTIMIZED FFT/IFFT MODULE	Pending	10/662,063	Published	Yes		
ICE-022	METHOD FOR AMPLITUDE INSENSITIVE PACKET DETECTION	Pending	10/661,943	Published	Yes	PCT Application Filed.	
ICE-022PC	PCT Application	Pending	CA2004/001565	Published	Yes		
ICE-023	FREQUENCY DOMAIN EQUALIZER FOR WIRELESS COMMUNICATIONS SYSTEM	Pending	10/661,147	Published	Yes	PCT Application Filed.	
ICE-023PC	PCT Application	Pending	CA2004/001564	Published	Yes		
ICE-029	METHODS AND SYSTEMS FOR SIGNAL AMPLIFICATION THROUGH ENVELOPE REMOVAL AND RESTORATION	Pending	10/779,322	Not Published	Yes	PCT Application Filed.	
ICE-029PC	PCT Application	Pending	CA2005/000153	Not Published	Yes		

IceFyre Semiconductor Corp. Patent Related Information
As of September 22, 2005

Item	Title	Status	Number	Published / Unpublished	Fees Current and Paid	Foreign Patents	Comments
ICE-030	SYSTEMS AND METHODS FOR RAPID SIGNAL DETECTION AND IDENTIFICATION	Pending	10/883,170	Not Published	Yes		
ICE-031	Multiple Input, Multiple Output Communications Systems	Pending	10/884,633	Not Published	Yes		
ICE-031C1	Multiple Input, Multiple Output Communications Systems (Continuation)	Pending	10/954,429	Not Published	Yes		
ICE-032	Power Amplifier	Pending	10/884,627	Not Published	Yes		
ICE-033PR	Improved Power Amplifier and Related Methods.	Pending	60/625,301	Not Published	Yes		Provisional application. Conversion due November 5, 2005.

Exhibit B

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **IceFyre Semiconductor, Inc.**, a Delaware Corporation, ("***Assignor***"), does hereby sell, assign, transfer and convey unto **Zarbaña Digital Fund LLC**, a Delaware limited liability company, having an office at 2711 Centerville Road, Suite 400, Wilmington, New Castle Country, DE 19808 ("***Assignee***"), or its designees, all right, title and interest that exist today and may exist in the future in and to all of the following (the "***Patent Rights***"): (a) the provisional patent applications, patent applications and patents listed below, (b) all patents or patent applications to which any of the foregoing claim priority, and (c) current or future rights to (i) provisional patent applications, patent applications, and patents of any kind relating to any inventions and discoveries described in any provisional patent applications, patent applications and patents listed below; (ii) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; and (iii) foreign counterparts to any of the foregoing, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants; (d) the rights to all inventions and discoveries described in any provisional patent application, patent application or patent listed below and all other rights arising out of such inventions and discoveries; (e) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections or other governmental grants of any type related to the any of the foregoing categories (a), (b), (c) and (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding; (f) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights, including, without limitation, all rights under the provisional patent applications, patent applications and patents listed below and/or under or on account of any of the foregoing categories (b), (c) and/or (d) to

(i) damages,
(ii) injunctive relief and
(iii) other remedies of any kind

for past, current and future infringement; and

(g) all rights to collect royalties and other payments under or on account of any of the foregoing.

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-001	Switched-Mode Power Amplifier Integrally Performing Power Combining	Issued	6,603,352	U.S.A.	Wight, James	12/3/2001
ICE-001PC	Switched-Mode Power Amplifier Integrally Performing Power Combining	Nationalized	CA02/01847	PCT	Wight, James	12/3/2002
ICE-001JP	Switched-Mode Power Amplifier Integrally Performing Power Combining	Pending	2003-550250	Japan	Wight, James	12/3/2002
ICE-001KR	Switched-Mode Power Amplifier Integrally Performing Power Combining	Pending	7008505/2004	Korea	Wight, James	06/03/2004
ICE-001CN	Switched-Mode Power Amplifier Integrally Performing Power Combining	Pending	2824126.6	China	Wight, James	12/3/2001
ICE-001AU**	Switched-Mode Power Amplifier Integrally Performing Power Combining	Lapsed	2002351903	Australia	Wight, James	12/3/2002

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-001CP	Switched-Mode Power Amplifier Integrally Performing Power Combining (CIP)	Issued	6,937,096	U.S.A.	Wight, James	6/30/2003
ICE-002PR	Selectable Inversion/Variable Gain Combiner for Diversity Reception In RF Transceivers	Expired	60/307/889	U.S.A.	Wight, James	7/27/01
ICE-002	Selectable Inversion/Variable Gain Combiner for Diversity Reception In RF Transceivers	Abandoned	10/068,120	U.S.A.	Wight, James	2/6/2002
ICE-002PC	Reception Diversity Combiner with Selectable Inversion and Variable Gain	Nationalized	CA02/01150	PCT	Wight, James	7/26/2002
ICE-002CA	Reception Diversity Combiner with Selectable Inversion and Variable Gain	Abandoned	2455111	Canada	Wight, James	7/26/2002
ICE-002CN	Reception Diversity Combiner with Selectable Inversion and Variable Gain	Pending	2818192.1	China	Wight, James	7/26/2002
ICE-002EP	Reception Diversity Combiner	Pending	2748525.9	EPO	Wight, James	7/26/2002

Item	Title	Status	Number	Country	Inventor	Filing Date
	with Selectable Inversion and Variable Gain					
ICE-002JP	Selectable Inversion/Variable Gain Combiner for Diversity Reception In RF Transceivers	Abandoned	2003-518082	Japan	Wight, James	7/26/2002
ICE-002KR	Selectable Inversion/Variable Gain Combiner for Diversity Reception In RF Transceivers	Pending	7001206/2004	Korea	Wight, James	01/27/2004
ICE-002NO	Selectable Inversion/Variable Gain Combiner for Diversity Reception In RF Transceivers	Abandoned but revivable	20040269	Norway	Wight, James	7/26/2002
ICE-003	Psuedo-Noise Carrier Suppression/Image Rejection Up and Down Converters	Allowed	10/094,826	U.S.A.	Wight, James	3/11/2002
ICE-003PC	Psuedo-Noise Carrier Suppression/Image Rejection Up and Down Converters	Expired	CA02/01498	PCT	Wight, James	10/4/2002
ICE-003AU**	Psuedo-Noise Carrier Suppression/Image Rejection Up and Down Converters	Lapsed	2002328744	Australia	Wight, James	10/4/2002
ICE-004	Up/Down Conversion Circuitry for Radio Transceiver	Pending	10/154,282	U.S.A.	Birkett, Alexander	5/22/2002

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-004PC	Up/Down Conversion Circuitry for Radio Transceiver	Expired	CA02/01497	PCT	Birkett, Alexander	10/4/2002
ICE-004AU**	Up/Down Conversion Circuitry for Radio Transceiver	Lapsed	2002328743	Australia	Birkett, Alexander	10/4/2002
ICE-005	Oscillator Frequency Offsets	Abandoned	10/155,107	U.S.A.	Birkett, Alexander	5/23/2002
ICE-005PC	Frequency Offset Generator for Synthesized Signals	Expired	CA02/01499	PCT	Birkett, Alexander	10/4/02
ICE-005AU**	Frequency Offset Generator for Synthesized Signals	Lapsed	2002328745	Australia	Birkett, Alexander	10/4/2002
ICE-006	Phasor Fragmentation Circuitry and Method for Processing Modulated Signals Having Non-Constant Envelopes	Pending	10/273,908	U.S.A.	Parker, Kevin	10/18/2002
ICE-006JP	Phasor Fragmentation Circuitry and Method for Processing Modulated Signals Having Non-Constant Envelopes	Pending	2004-543858	Japan	Parker, Kevin	04/15/2005

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-006AU**	Phasor Fragmentation Circuitry and Method for Processing Modulated Signals Having Non-Constant Envelopes	Lapsed	2003278003	Australia	Parker, Kevin	10/14/2003
ICE-006PC	Phasor Fragmentation Circuitry and Method for Processing Modulated Signals Having Non-Constant Envelopes	Expired	2004036862	PCT	Parker, Kevin	4/29/2004
ICE-007	Systems and Modules for Use with Trellis-Based Decoding	Pending	10/377,859	U.S.A.	Amer, Maher	2/28/2003
ICE-007PC	Viterbi Decoder Operating In Units Of a Plurality Of Transitions	Expired	CA04/000282	PCT	Amer, Maher	2/26/04
ICE-008PR	Parallel Convolutional Encoder	Expired	60/399,728	U.S.A.	Amer, Maher	8/1/2002
ICE-008	Parallel Convolutional Encoder	Pending	10/629,644	U.S.A.	Amer, Maher	7/29/2003
ICE-008KR	Parallel Convolutional Encoder	Pending	7001719/2005	Korea	Amer, Maher	01/31/2005
ICE-008CN	Parallel Convolutional Encoder	Pending	03818236.X	China	Amer, Maher	07/31/2003
ICE-008JP	Parallel Convolutional Encoder	Pending	2004-525088	Japan	Amer, Maher	03/24/2005

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-008PC	Parallel Convolutional Encoder	Nationalized	CA03/0113	PCT	Amer, Maher	07/31/03
ICE-008AU**	Parallel Convolutional Encoder	Lapsed	2003249822	Australia	Amer, Maher	7/31/2003
ICE-009PR	Parallel Scrambler Descrambler	Expired	60/411,343	U.S.A.	Amer, Maher	9/18/02
ICE-009	Parallel Scrambler/Descrambler	Pending	10/629,640	U.S.A.	Amer, Maher	7/29/2003
ICE-009PC	Parallel Scrambler/Descrambler	Expired	CA03/01132	PCT	Amer, Maher	7/31/2003
ICE-009AU**	Parallel Scrambler/Descrambler	Lapsed	2003249821	Australia	Amer, Maher	7/31/2003
ICE-010PR	Processing Engines and RF Circuitry for Multi-Carrier Modulation Transceivers	Expired	60/277,941	U.S.A.	Wight, James	3/23/01

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-010	Computational Circuits and Methods for Processing Modulated Signals Having Non-Constant Envelopes	Abandoned	09/918,106	U.S.A.	Wight, James	7/30/2001
ICE-010PC	Signal Decomposition for The Control Of its Dynamic Range	Nationalized	CA02/001174	PCT	Wight, James	7/29/2002
ICE-010CA	Signal Decomposition for The Control Of its Dynamic Range	Abandoned but Revivable	2,455,277	Canada	Wight, James	7/29/2002
ICE-010CN	Computational Circuits and Methods for Processing Modulated Signals Having Non-Constant Envelopes	Pending	20818664.8	China	Wight, James	7/29/2002
ICE-010EP	Signal Decomposition for The Control Of its Dynamic Range	Pending	2748528.3	EPO	Wight, James	7/29/2002
ICE-010JP	Computational Circuits and Methods for Processing Modulated Signals Having Non-Constant Envelopes	Abandoned	2003-518144	Japan	Wight, James	7/29/2002
ICE-010KR	Computational Circuits and Methods for Processing Modulated Signals Having	Pending	7001445/2004	Korea	Wight, James	01/30/2004

Item	Title	Status	Number	Country	Inventor	Filing Date
	Non-Constant Envelopes					
ICE-010NO	Computational Circuits and Methods for Processing Modulated Signals Having Non-Constant Envelopes	Abandoned but Revivable	20040367	Norway	Wight, James	1/27/2004
ICE-010CP	Computational Circuits and Methods for Processing Modulated Signals Having Non-Constant Envelopes (CIP)	Pending	10/205,743	U.S.A.	Wight, James	7/26/2002
ICE-011	Chireix Architecture Using Low Impedance Amplifiers	Issued	6836183	U.S.A.	Wight, James	10/16/2002
ICE-011JP	Chireix Architecture Using Low Impedance Amplifiers	Pending	2004-543859	Japan	Wight, James	04/15/2005
ICE-011PC	Chireix Architecture Using Low Impedance Amplifiers	Nationalized	CA03/001546	PCT	Wight, James	10/14/2003
ICE-011EP	Chireix Architecture Using Low Impedance Amplifiers	Pending	03769084	EPO	Wight, James	10/14/2003

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-011AU**	Chireix Architecture Using Low Impedance Amplifiers	Lapsed	2003278004	Australia	Wight, James	10/14/2003
ICE-012	Memory Systems and Method for Use In Trellis-Based Decoding	Pending	10/377,860	U.S.A.	Amer, Maher	2/28/2003
ICE-013	Predistortion Circuit for a Transmit System	Pending	10/613,355	U.S.A.	Saed, Aryan	7/3/2003
ICE-013CP	Predistortion Circuit for a Transmit System (CIP)	Pending	10/641,370	U.S.A.	Saed, Aryan	8/13/2003
ICE-014	A Method Of and Device for Antennae Diversity Switching	Pending	10/610,454	U.S.A.	Saed, Aryan	6/30/2003
ICE-014PC	A Method Of and Device for Receive Antennae Diversity Switching	Pending	CA04/000949	PCT	Saed, Aryan	6/23/04
ICE-015	Adaptive Predistortion for a Transmit System	Allowed	10/613,372	U.S.A.	Saed, Aryan	7/3/2003
ICE-015CP	Adaptive Predistortion for a Transmit System (CIP)	Allowed	10/641,372	U.S.A.	Saed, Aryan	8/13/2003

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-016	Switched-Mode Power Amplifier Using Lumped Element Impedance Inverter for Parallel Combining	Issued	6,879,209	U.S.A.	Grundingh, Johan	7/8/2003
ICE-016CP	Switched-Mode Power Amplifier Using Lumped Element Impedance Inverter for Parallel Combining (CIP)	Pending	11/099,916	U.S.A.	Grundingh, Johan	4/6/2005
ICE-017	Integrated Circuit Incorporating Wire Bond Inductance	Pending	10/610,497	U.S.A.	Wight, James	6/30/2003
ICE-018	Digital Branch Calibrator for An RF Transmitter	Pending	10/627,881	U.S.A.	Saed, Aryan	7/25/2003
ICE-019	Adaptive Predistortion for a Transmit System with Gain, Phase and Delay Adjustments	Allowed	10/613,856	U.S.A.	Saed, Aryan	7/3/2003
ICE-019PC	Adaptive Predistortion for a Transmit System with Gain,	Pending	CA04/000972	PCT	Saed, Aryan	6/30/2004

Item	Title	Status	Number	Country	Inventor	Filing Date
	Phase and Delay Adjustments					
ICE-019CP1	Adaptive Predistortion for a Transmit System with Gain, Phase and Delay Adjustments (CIP)	Allowed	10/641,371	U.S.A.	Saed, Aryan	8/13/2003
ICE-019CP2	Adaptive Predistortion for a Transmit System with Gain, Phase and Delay Adjustments (CIP)	Allowed	10/641,374	U.S.A.	Saed, Aryan	8/13/2003
ICE-019CP3	Adaptive Predistortion for a Transmit System with Gain, Phase and Delay Adjustments (CIP)	Allowed	10/641,373	U.S.A.	Saed, Aryan	8/13/2003
ICE-020	Staggered AGC with Digitally Controlled VGA	Pending	10/661,945	U.S.A.	Birkett, Neil	9/12/2003
ICE-020PC	Staggered AGC with Digitally Controlled VGA	Pending	CA04/001566	PCT	Birkett, Neil	8/26/2004
ICE-021	Optimized FFT/IFFT Module	Pending	10/662,063	U.S.A.	Amer, Maher	9/12/2003
ICE-022	Method for Amplitude Insensitive Packet Detection	Pending	10/661,943	U.S.A.	Birkett, Neil	9/12/2003

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-022PC	Method for Amplitude Insensitive Packet Detection	Pending	CA04/001565	PCT	Birkett, Neil	8/26/2004
ICE-023	Frequency Domain Equalizer for Wireless Communications System	Pending	10/661,147	U.S.A.	Saed, Aryan	9/12/2003
ICE-023PC	Frequency Domain Equalizer for Wireless Communications System	Pending	CA04/001564	PCT	Saed, Aryan	8/26/04
ICE-029	Methods and Systems for Signal Amplification Through Envelope Removal and Restoration	Pending	10/779,322	U.S.A.	Wight, James	2/13/2004
ICE-029PC	Methods and Systems for Signal Amplification Through Envelope Removal and Restoration	Pending	CA05/000153	PCT	Wight, James	2/7/2005
ICE-030	Systems and Methods for Rapid Signal Detection and Identification	Pending	10/883,170	U.S.A.	Moher, Michael L.	07/01/2004
ICE-031	Multiple Input, Multiple Output Communications Systems	Pending	10/884,633	U.S.A.	Wight, James	07/02/2004

Item	Title	Status	Number	Country	Inventor	Filing Date
ICE-031C1	Multiple Input, Multiple Output Communications Systems (CIP)	Pending	10/954,429	U.S.A.	Wight, James	09/30/2004
ICE-032	Power Amplifier	Pending	10/884,627	U.S.A.	Parker, Kevin	7/02/2004
ICE-033PR	Improved Power Amplifier and Related Methods.	Expired	60/325,301	U.S.A.	Grundlingh, Johan	11/05/2004
ICE-033	Power Amplifier	Pending	Not yet assigned	U.S.A.	Grundlingh, Johan	11/07/2005

Assignor represents, warrants and covenants (except that Purchaser makes no representation, warranty or covenant with respect to the entries in the above chart that are Australian patent applications with Item designations ending in "AU**") that:

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(2) Assignor owns all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants that may be granted upon any of the Patents Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor shall, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. With prior written approval by Assignee, Assignee will pay Assignor's reasonable costs and expenses.

Exhibit B

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at _____ on _____.

ASSIGNOR

By: _____

Name: Michael F. Schiavo

Title: Director

(Signature MUST be notarized)

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

On November 23 2005, before me, Kristin Cunningham (Michael F. Schiavo), Notary Public in and for said State, personally appeared Michael F. Schiavo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)